

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082630.D
 Acq On : 31 Oct 2015 19:27
 Operator : UM/IZ
 Sample : G4180-01
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S1

Quant Time: Nov 02 00:37:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

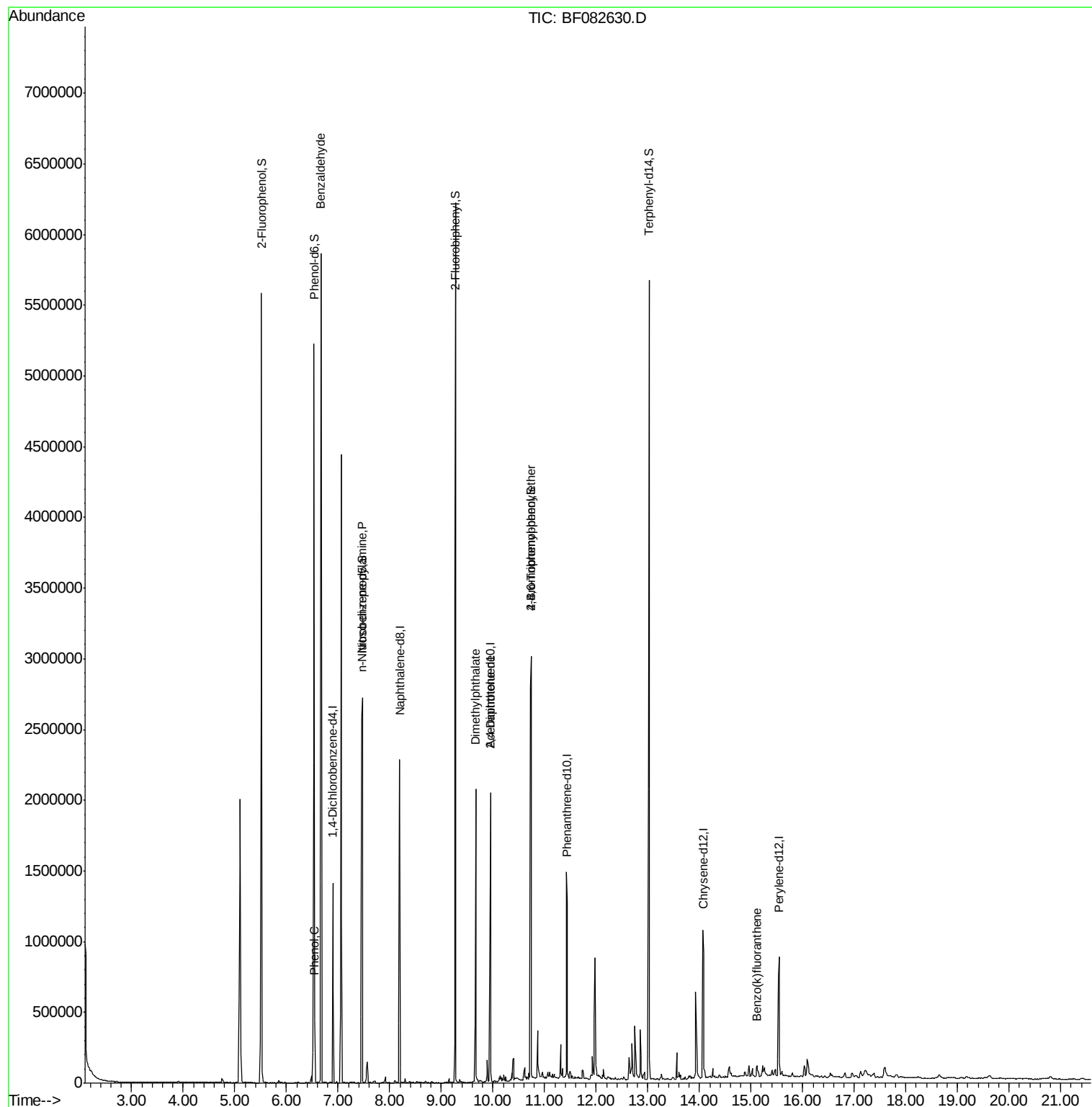
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	217407	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	872850	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	444562	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	741696	20.00	ng	0.00
75) Chrysene-d12	14.08	240	490911	20.00	ng	0.00
86) Perylene-d12	15.54	264	471295	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1460168	101.16	ng	0.01
7) Phenol-d6	6.53	99	1739477	90.71	ng	0.00
23) Nitrobenzene-d5	7.47	82	1388761	64.97	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	502303	103.24	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2207494	70.50	ng	0.00
78) Terphenyl-d14	13.03	244	1699007	75.74	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.67	77	42010	3.21	ng	82
10) Phenol	6.54	94	45311	2.09	ng	91
19) n-Nitroso-di-n-propylamine	7.46	70	189682	13.05	ng	# 73
49) Dimethylphthalate	9.66	163	734490	20.23	ng	99
56) 2,4-Dinitrotoluene	9.95	165	56364	5.54	ng	# 16
66) 4-Bromophenyl-phenylether	10.74	248	34260	4.08	ng	# 1
88) Benzo(k)fluoranthene	15.12	252	58896	2.38	ng	# 96

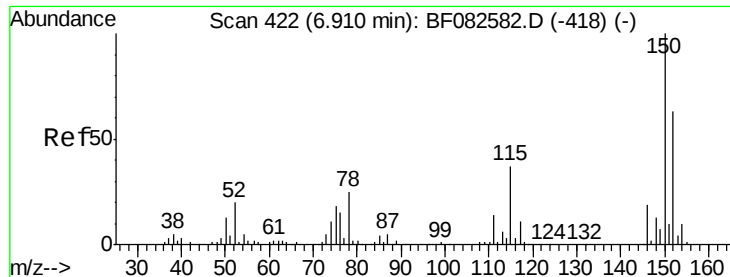
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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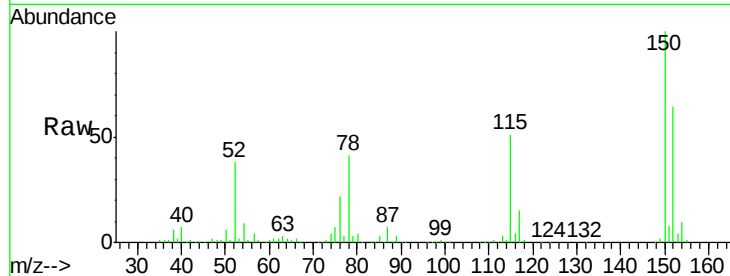


#1

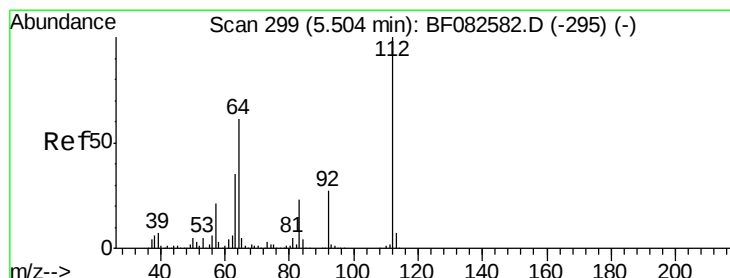
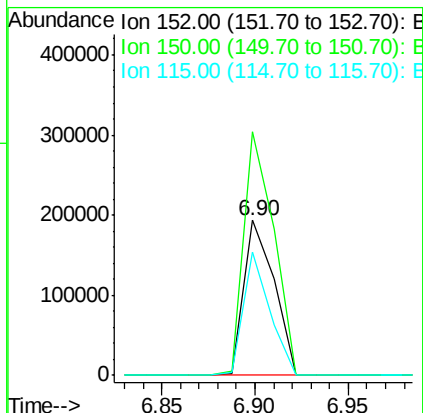
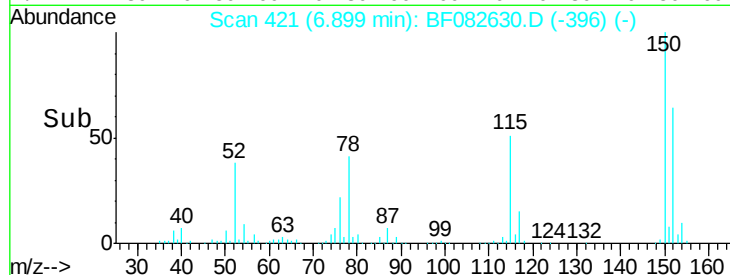
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.01 min
 Lab File: BF082630.D
 Acq: 31 Oct 2015 19:27

Instrument :
 BNA_F
 ClientSampleId :
 S1

Tgt Ion:152 Resp: 217407
 Ion Ratio Lower Upper
 152 100
 150 157.0 127.0 190.4
 115 79.8 47.0 70.6#



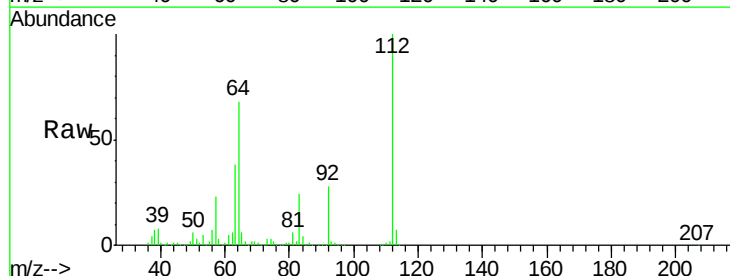
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



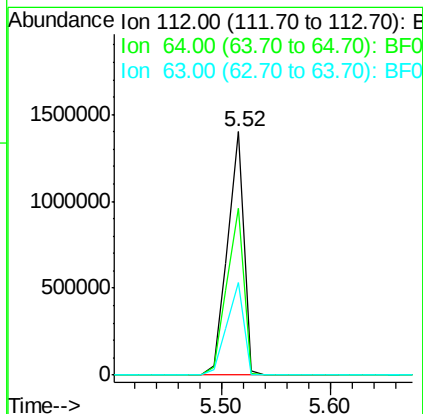
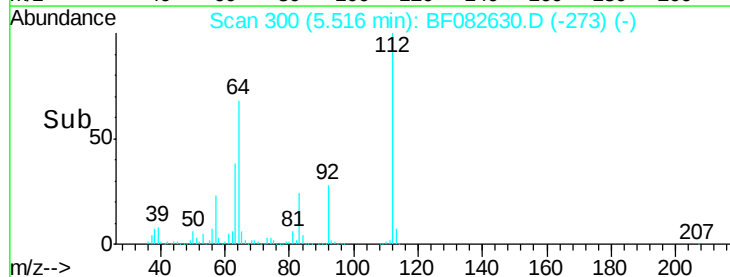
#5

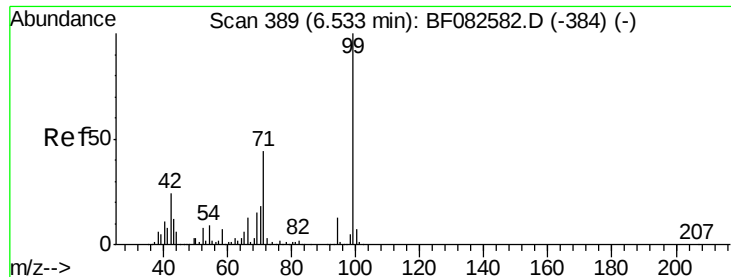
2-Fluorophenol
 Concen: 101.16 ng
 RT: 5.52 min Scan# 300
 Delta R.T. 0.01 min
 Lab File: BF082630.D
 Acq: 31 Oct 2015 19:27

Tgt Ion:112 Resp: 1460168
 Ion Ratio Lower Upper
 112 100
 64 68.4 48.9 73.3
 63 37.9 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 90.71 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF082630.D

Acq: 31 Oct 2015 19:27

Instrument :

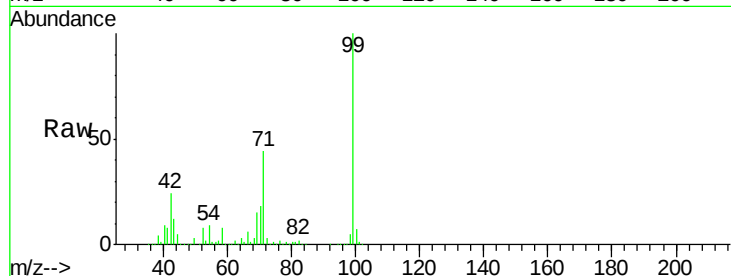
BNA_F

ClientSampled :

S1

Tgt Ion: 99 Resp: 1739477

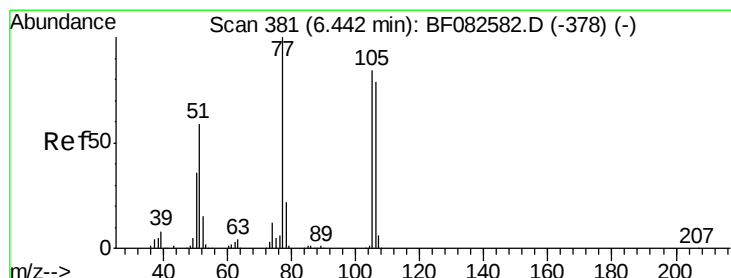
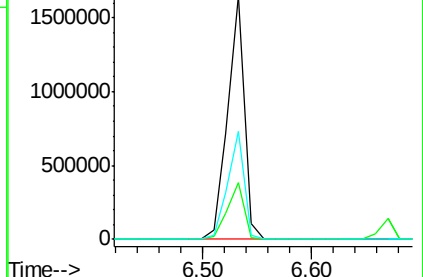
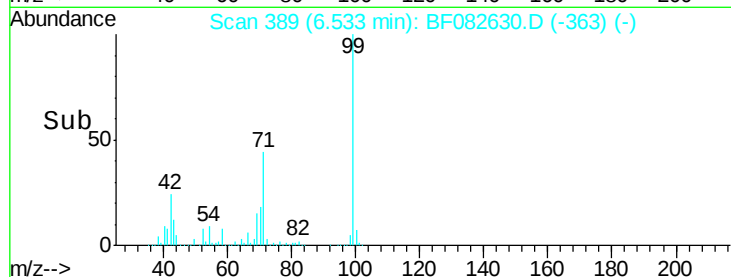
Ion	Ratio	Lower	Upper
99	100		
42	23.5	19.2	28.8
71	44.4	35.0	52.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 3.21 ng

RT: 6.67 min Scan# 401

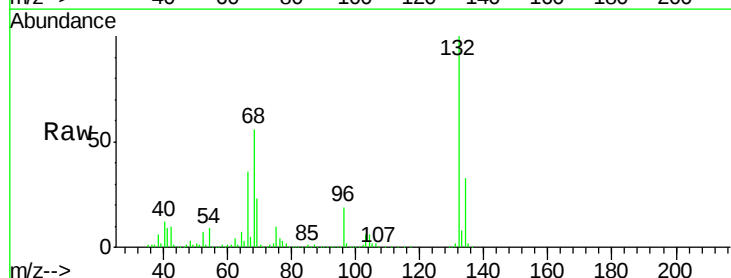
Delta R.T. 0.23 min

Lab File: BF082630.D

Acq: 31 Oct 2015 19:27

Tgt Ion: 77 Resp: 42010

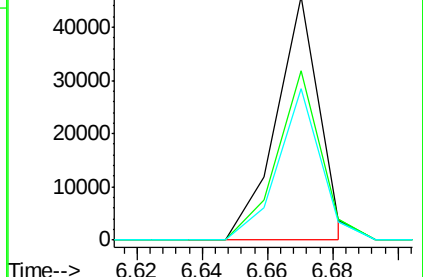
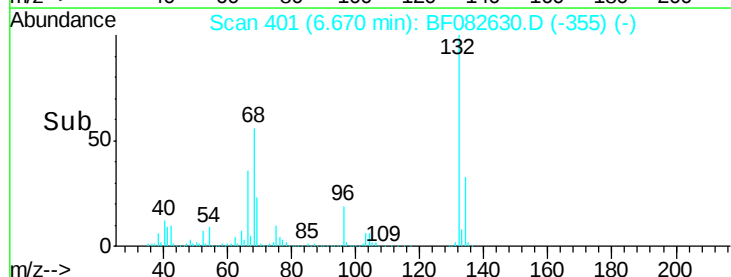
Ion	Ratio	Lower	Upper
77	100		
105	69.3	63.5	103.5
106	62.0	59.3	99.3

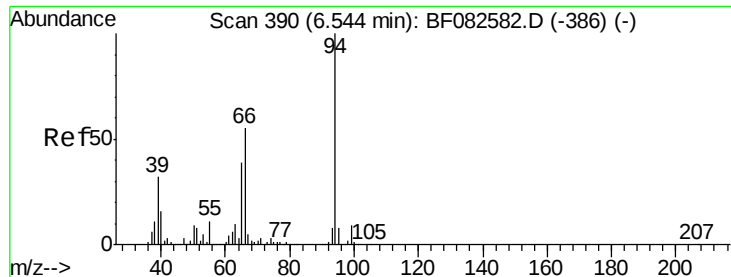


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.09 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF082630.D

Acq: 31 Oct 2015 19:27

Instrument :

BNA_F

ClientSampled :

S1

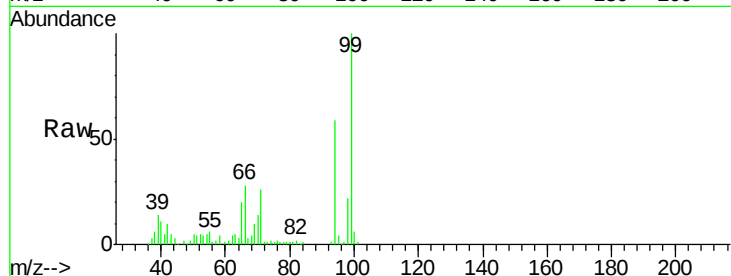
Tgt Ion: 94 Resp: 45311

Ion Ratio Lower Upper

94 100

65 33.6 18.9 58.9

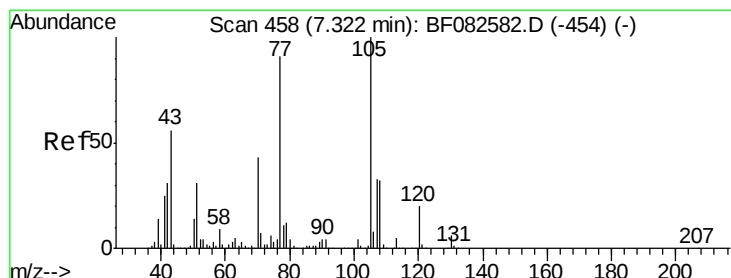
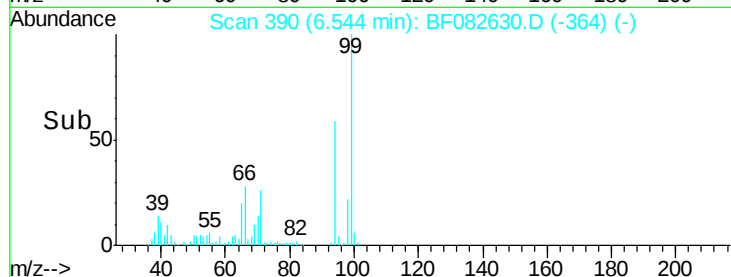
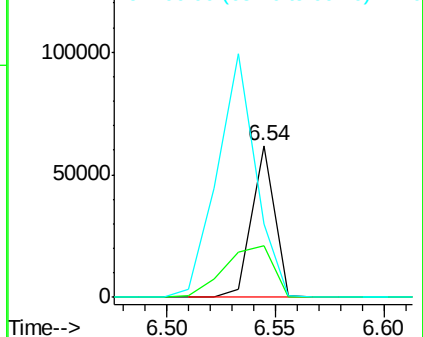
66 47.9 34.9 74.9



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 13.05 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.14 min

Lab File: BF082630.D

Acq: 31 Oct 2015 19:27

Tgt Ion: 70 Resp: 189682

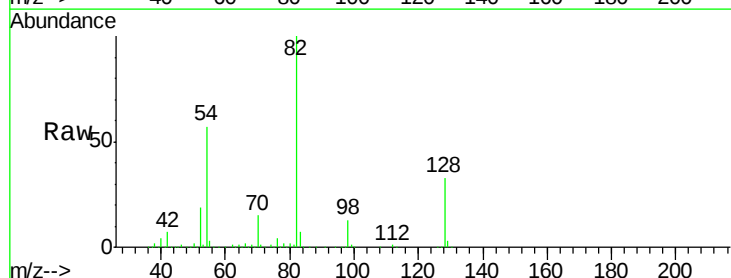
Ion Ratio Lower Upper

70 100

42 50.5 57.7 86.5#

101 0.0 7.0 10.6#

130 1.6 11.8 17.6#

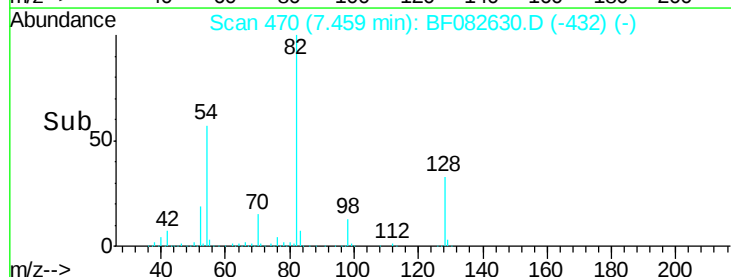
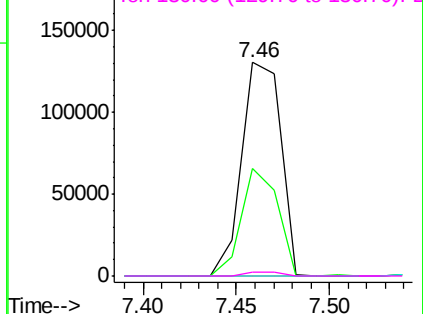


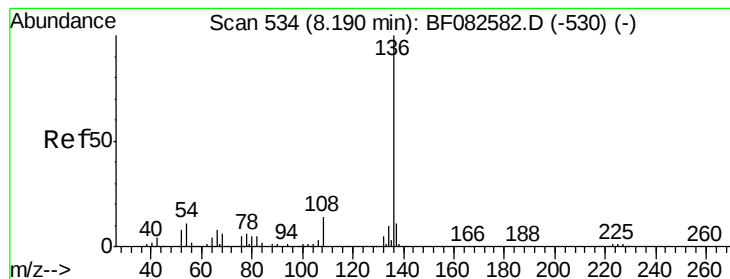
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF082630.D

Acq: 31 Oct 2015 19:27

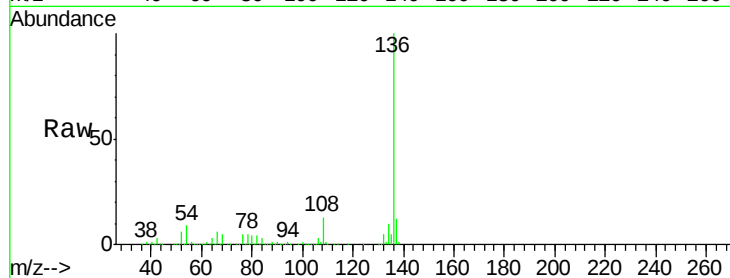
Instrument :

BNA_F

ClientSampleId :

S1

Tgt Ion:	136	Resp:	872850
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	8.7	9.1	13.7#
68	5.3	4.8	7.2

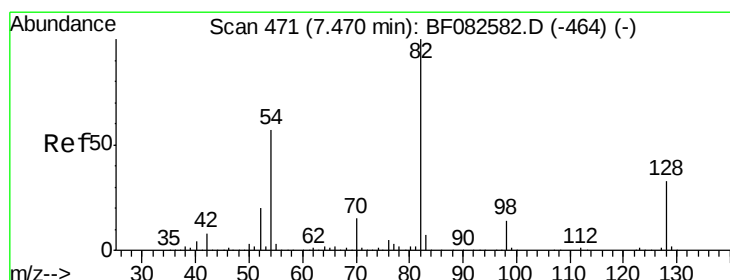
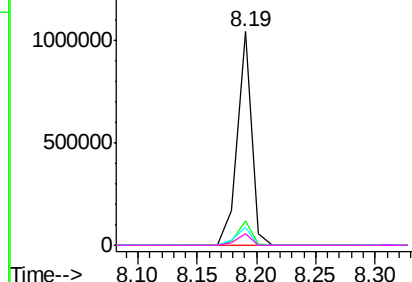
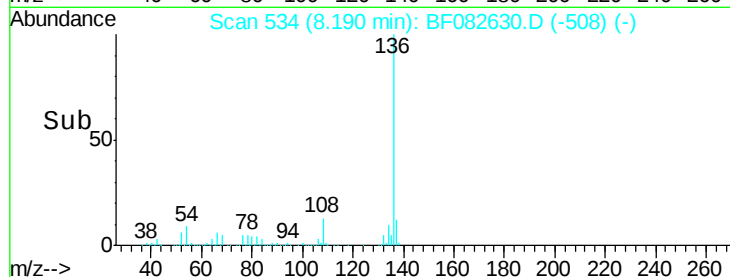


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 64.97 ng

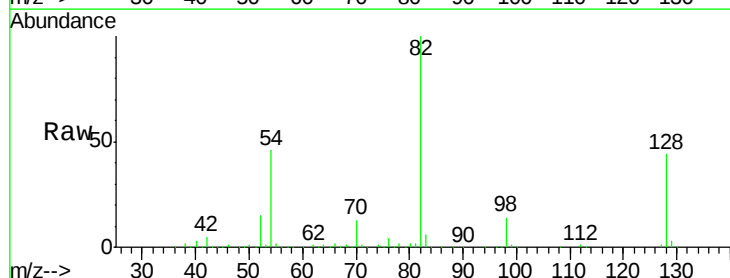
RT: 7.47 min Scan# 471

Delta R.T. -0.00 min

Lab File: BF082630.D

Acq: 31 Oct 2015 19:27

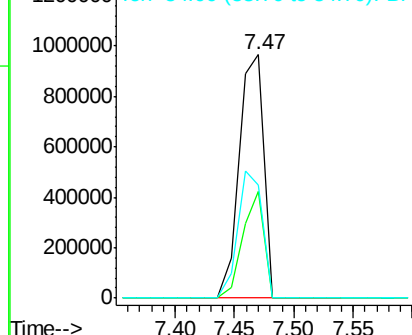
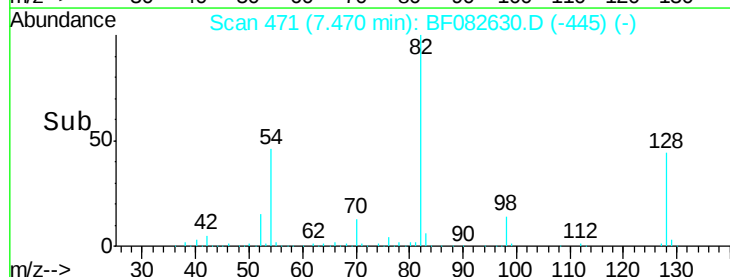
Tgt Ion:	82	Resp:	1388761
Ion	Ratio	Lower	Upper
82	100		
128	43.7	26.8	40.2#
54	46.3	45.7	68.5

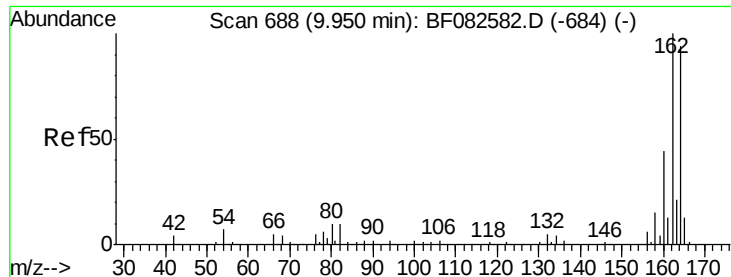


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.00 min

Lab File: BF082630.D

Acq: 31 Oct 2015 19:27

Instrument :

BNA_F

ClientSampled :

S1

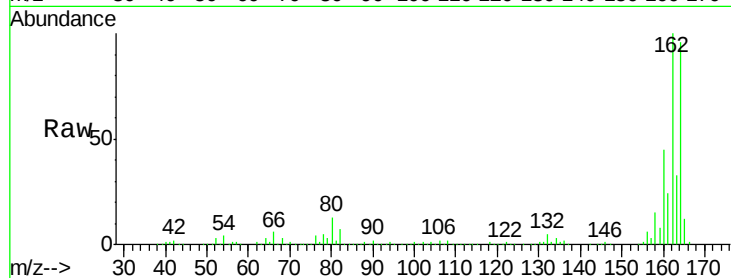
Tgt Ion:164 Resp: 444562

Ion Ratio Lower Upper

164 100

162 104.6 84.9 127.3

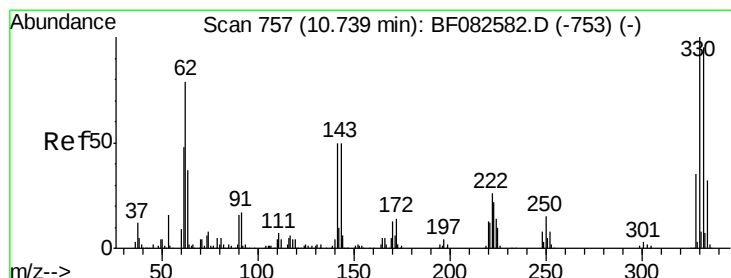
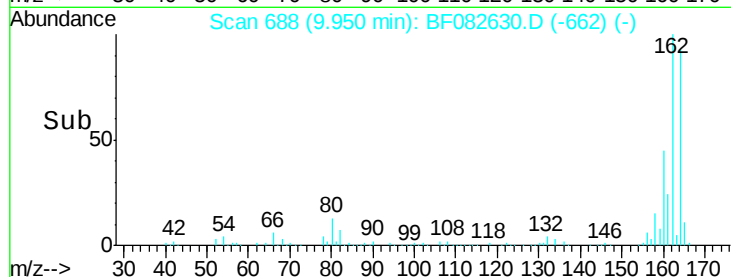
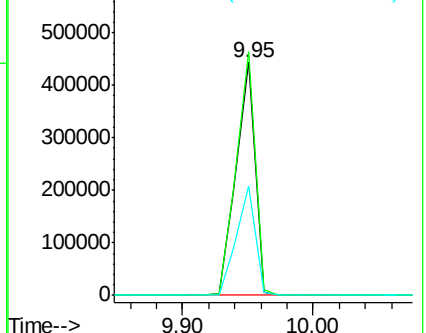
160 46.7 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 103.24 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF082630.D

Acq: 31 Oct 2015 19:27

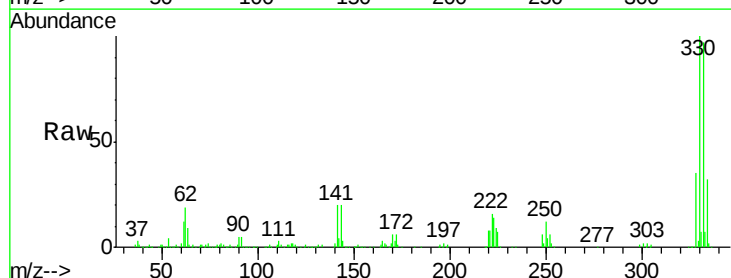
Tgt Ion:330 Resp: 502303

Ion Ratio Lower Upper

330 100

332 96.4 76.6 114.8

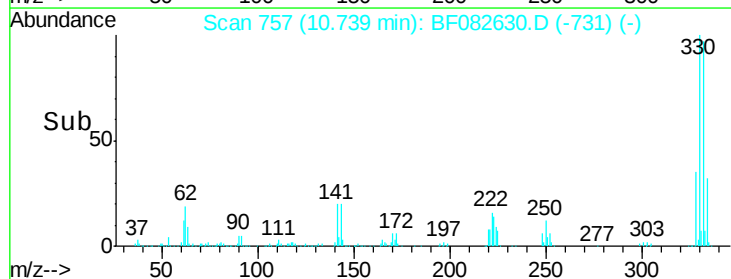
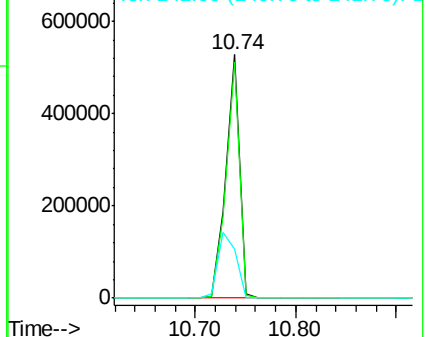
141 36.0 41.2 61.8#

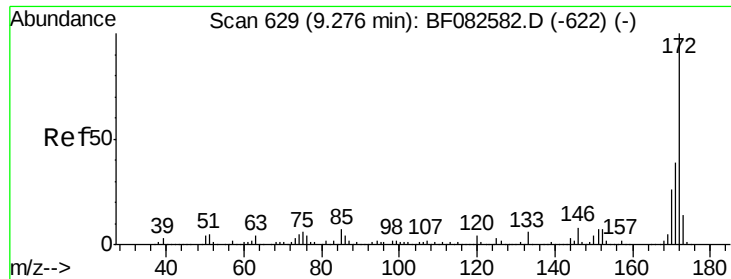


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

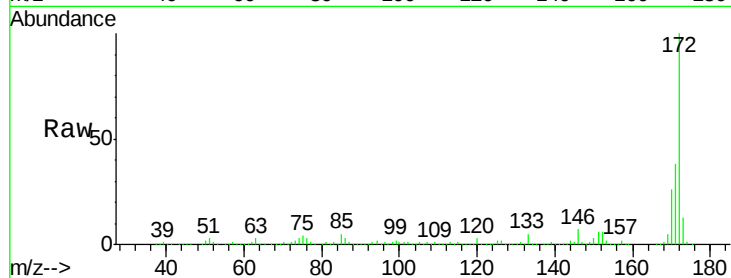




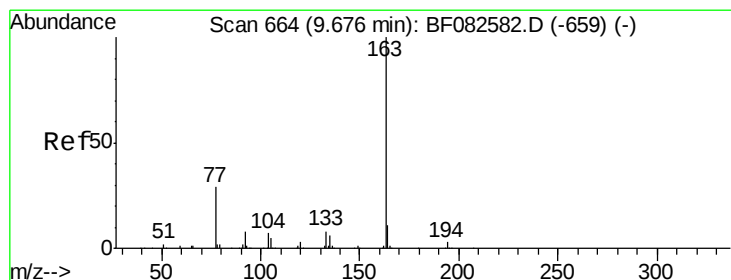
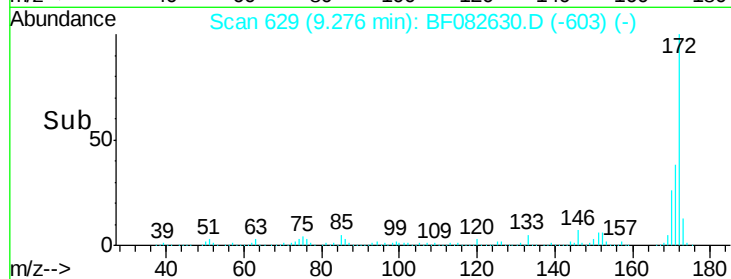
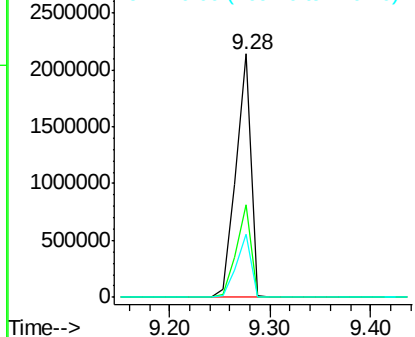
#44
 2-Fluorobiphenyl
 Concen: 70.50 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF082630.D
 Acq: 31 Oct 2015 19:27

Instrument :
 BNA_F
 ClientSampleId :
 S1

Tgt Ion:172 Resp: 2207494
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.8 46.2
 170 25.7 21.2 31.8

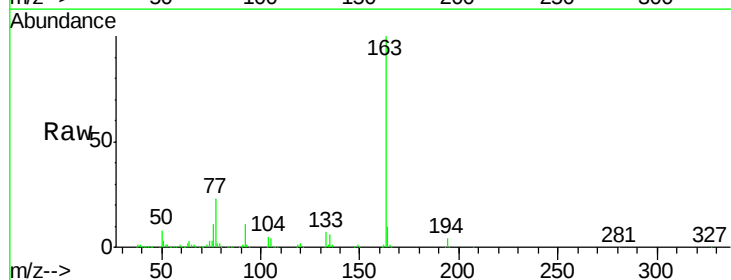


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

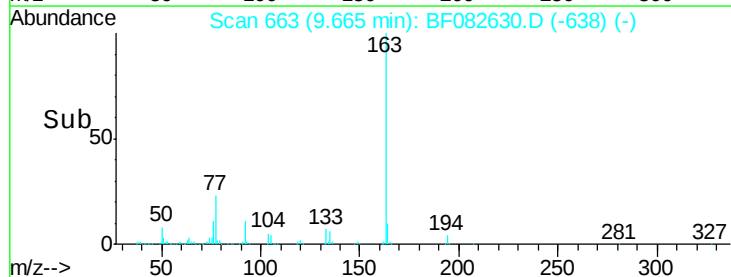
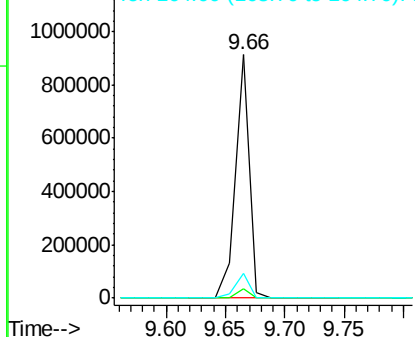


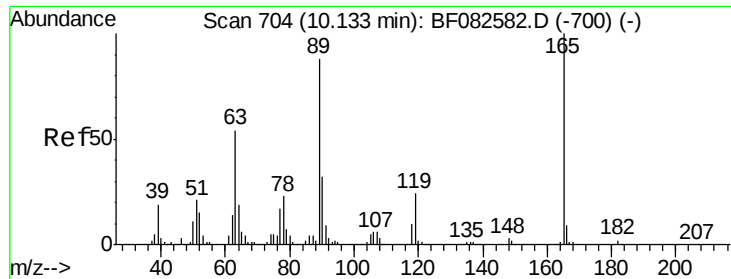
#49
 Dimethylphthalate
 Concen: 20.23 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF082630.D
 Acq: 31 Oct 2015 19:27

Tgt Ion:163 Resp: 734490
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.6 4.0
 164 10.3 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 5.54 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.18 min

Lab File: BF082630.D

Acq: 31 Oct 2015 19:27

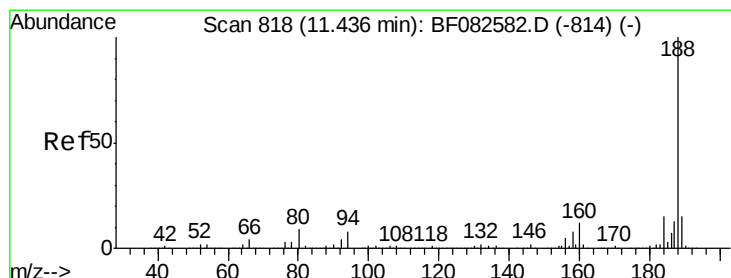
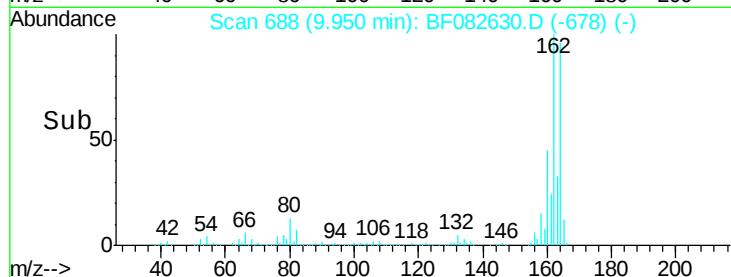
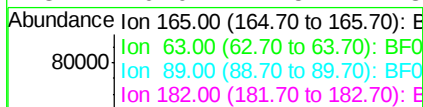
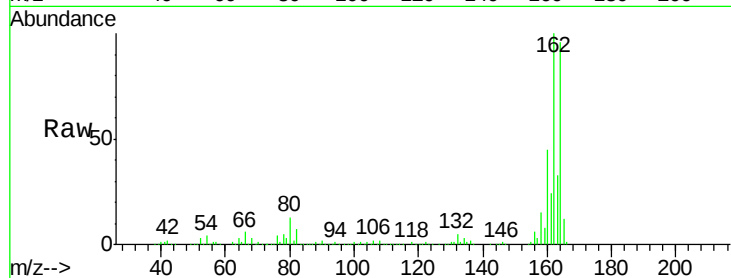
Instrument :

BNA_F

ClientSampleId :

S1

Tgt Ion:	165	Resp:	56364
Ion Ratio	Lower	Upper	
165	100		
63	1.4	43.4	65.0#
89	2.3	70.6	106.0#
182	0.0	1.5	2.3#



#63

Phenanthrene-d10

Concen: 20.00 ng

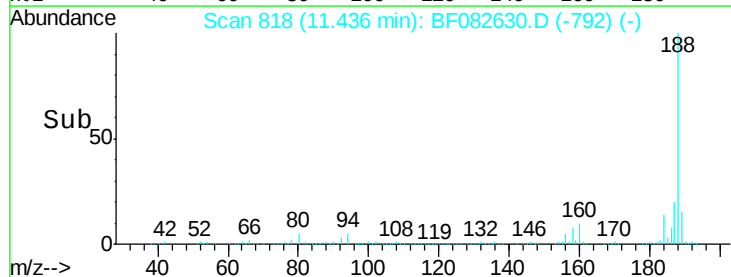
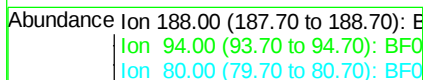
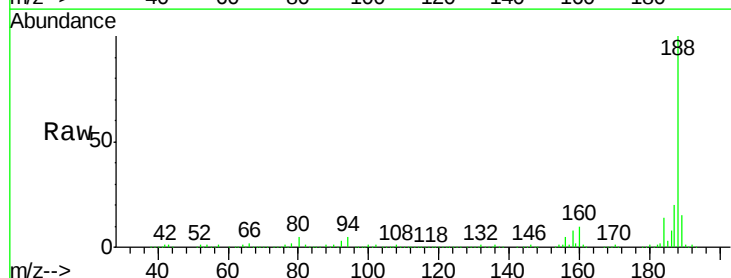
RT: 11.44 min Scan# 818

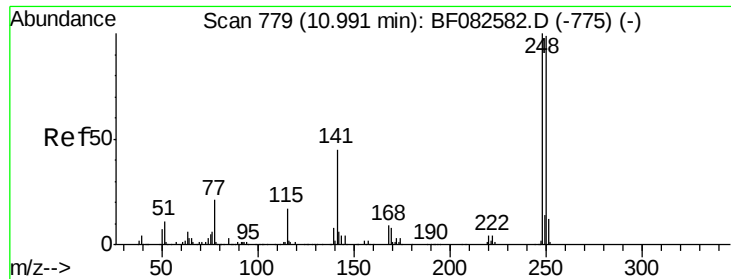
Delta R.T. -0.00 min

Lab File: BF082630.D

Acq: 31 Oct 2015 19:27

Tgt Ion:	188	Resp:	741696
Ion Ratio	Lower	Upper	
188	100		
94	5.1	6.1	9.1#
80	4.8	7.0	10.6#

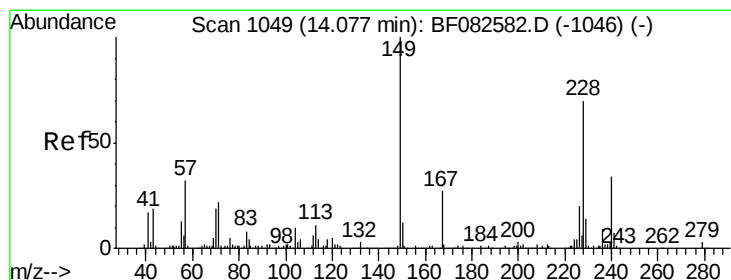
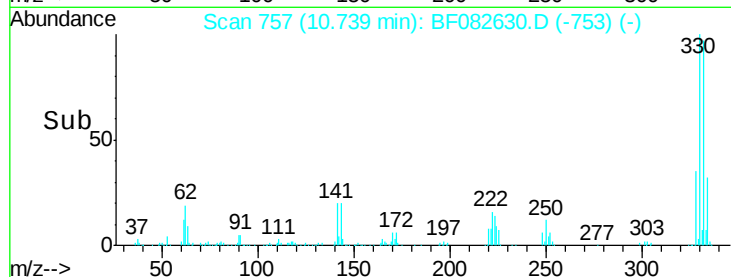
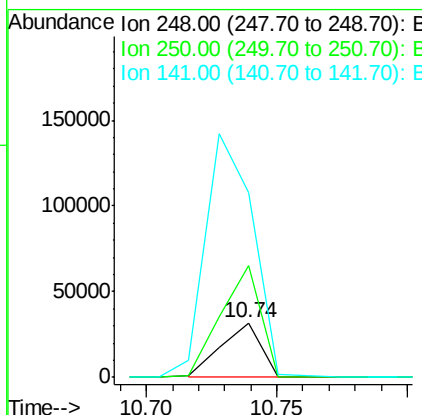
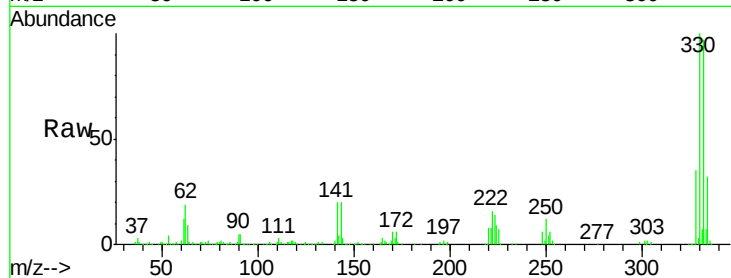




#66
4-Bromophenyl-phenylether
Concen: 4.08 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.25 min
Lab File: BF082630.D
Acq: 31 Oct 2015 19:27

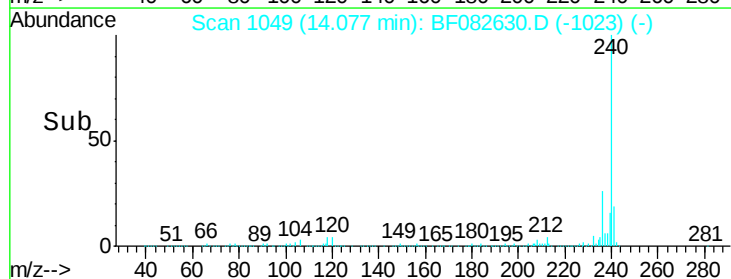
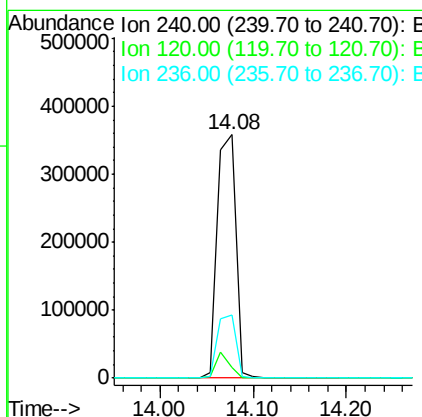
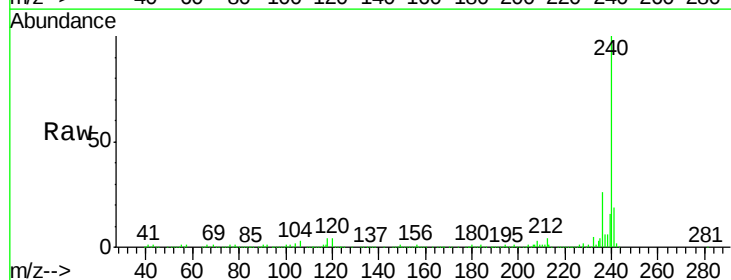
Instrument :
BNA_F
ClientSampleId :
S1

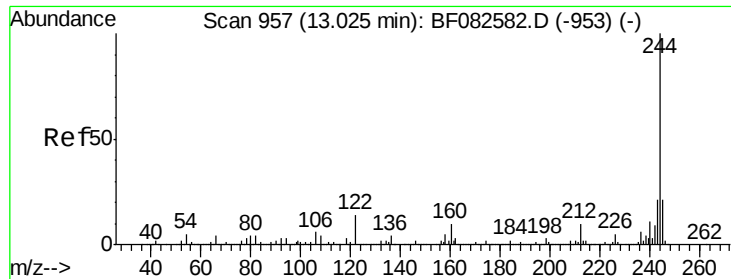
Tgt Ion:248 Resp: 34260
Ion Ratio Lower Upper
248 100
250 204.2 79.4 119.2#
141 337.2 36.3 54.5#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF082630.D
Acq: 31 Oct 2015 19:27

Tgt Ion:240 Resp: 490911
Ion Ratio Lower Upper
240 100
120 4.1 10.9 16.3#
236 26.1 21.6 32.4

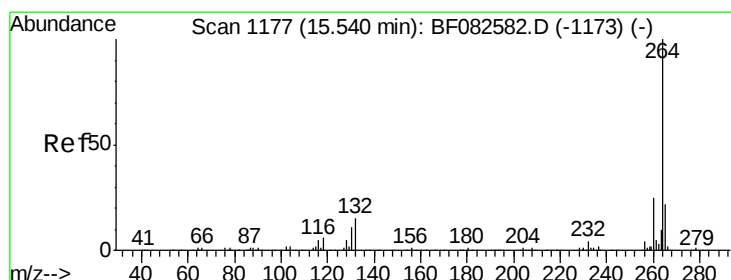
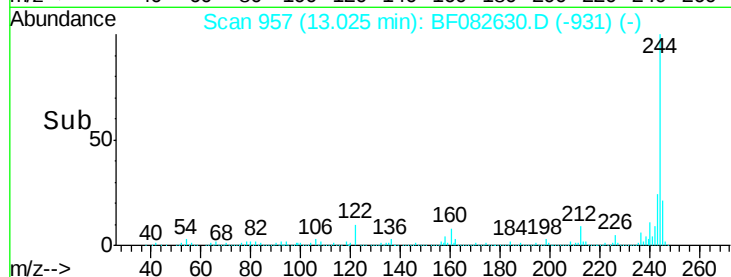
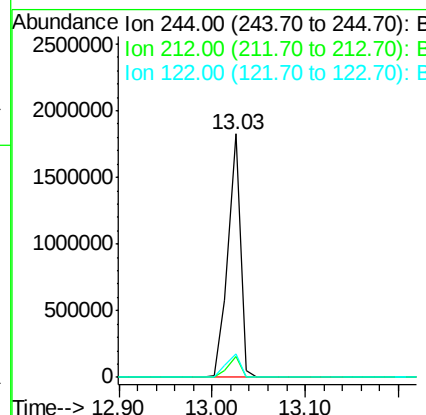
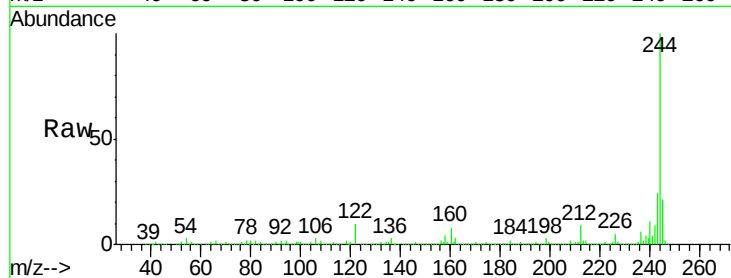




#78
 Terphenyl-d14
 Concen: 75.74 ng
 RT: 13.03 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF082630.D
 Acq: 31 Oct 2015 19:27

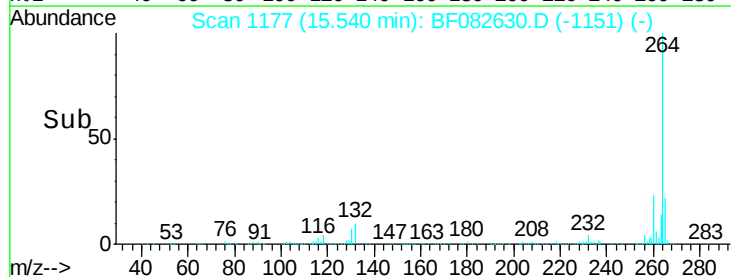
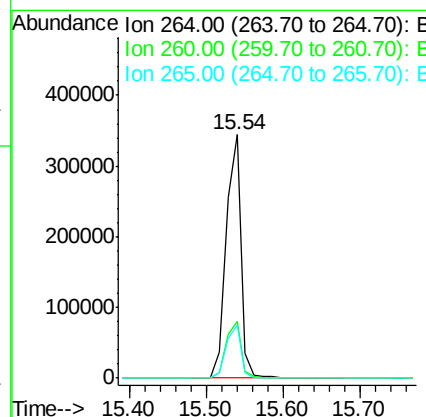
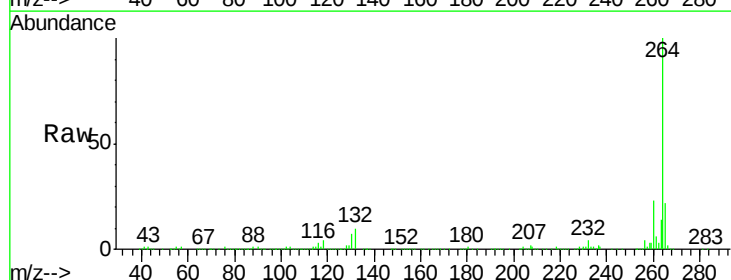
Instrument :
 BNA_F
 ClientSampleId :
 S1

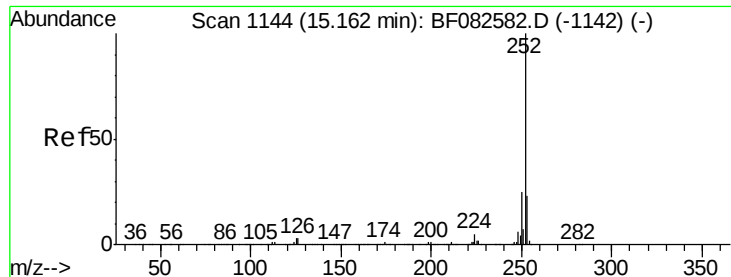
Tgt Ion:244 Resp: 1699007
 Ion Ratio Lower Upper
 244 100
 212 8.6 7.6 11.4
 122 9.6 11.3 16.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.54 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF082630.D
 Acq: 31 Oct 2015 19:27

Tgt Ion:264 Resp: 471295
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.8 29.6
 265 21.8 17.4 26.0





#88
 Benzo(k)fluoranthene
 Concen: 2.38 ng
 RT: 15.12 min Scan# 1140
 Delta R.T. -0.05 min
 Lab File: BF082630.D
 Acq: 31 Oct 2015 19:27

Instrument :
 BNA_F
 ClientSampleId :
 S1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	9.3	3.5	5.3

